

# Converting Colors

Hex(B7DBA9)

Have a look what the booklet for  
Hex(B7DBA9) contains.

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# **Color**

**Hex(B7DBA9)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | B7DBA9                      |
| RGB         | 183, 219, 169               |
| RGB Percent | 72%, 86%, 66%               |
| CMY         | 0.2824, 0.1412, 0.3373      |
| CMYK        | 0.16, 0.00, 0.23, 0.14      |
| HSL         | 103°, 41%, 76%              |
| HSV         | 103°, 23%, 86%              |
| XYZ         | 52.0214, 63.5949, 47.0693   |
| YIQ         | 202.5360, -5.4060, -23.1820 |

# Conversions

## Conversions Part 2

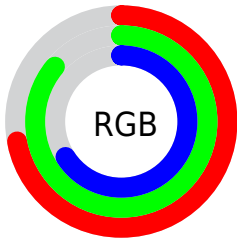
| <b>Format</b>                       | <b>Color</b>                                     |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">169, 219, 205</a>                    |
| Decimal                             | <a href="#">12049321</a>                         |
| CIELab                              | <a href="#">83.75, -20.98, 20.77</a>             |
| CIELCh                              | <a href="#">84, 29.520, 135.296</a>              |
| Yxy                                 | <a href="#">63.5949, 0.3198,<br/>0.3909</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4290239401<br/>(0xFFB7DBA9)</a>      |
| YUV                                 | <a href="#">202.5360, -16.5332,<br/>-17.1331</a> |
| Hunter-Lab                          | <a href="#">79.7464, -23.1144,<br/>20.8273</a>   |

# Details

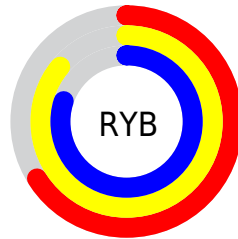
The Hex color **B7DBA9** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CDA9DB**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **EFFFE0**, and **81A475** is the 20% darker color. If you saturate the color by 10%, you get **A7DB93**, and if you desaturate by 10%, it is **C7DBBF**.

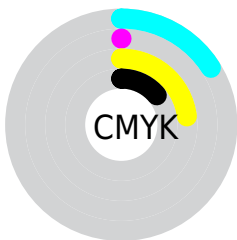
# Distribution



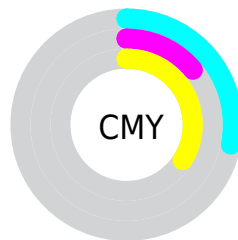
- Red (72%)
- Green (86%)
- Blue (66%)



- Red (66%)
- Yellow (86%)
- Blue (80%)



- Cyan (16%)
- Magenta (0%)
- Yellow (23%)
- Black (14%)



- Cyan (28%)
- Magenta (14%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7DBA9 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B7DBA9 by changing the saturation by 10% instead.



 B7DBA9

 B7DBA9

FFFFFF

 9CBF8E

 EFFFFE0

 81A475


FFFFFFD

 688A5C

 4F7044

 37572D

 204018

 0B2900

 001600

 000000

 B7DBA9

 B7DBA9

 A7DB93

 C7DBBF

 97DB7D

 D7DBD5

 88DB67

 E6DBEB

 78DB51

 F6DBFF

 68DB3C

 FFDBFF

 58DB26

 49DB10

 3DDB00

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D7D49B



B7DBA9



98DFC2

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B7DBA9



9CD7FF



FFBDC3

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B7DBA9



CDA9DB

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBEE0



B7DBA9



C3CEFF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B7DBA9



82DEF7



E7C5F8



FFC2AA

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B7DBA9



88E1D5



E7C5F8



FFBDCD



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B7DBA9



F2FFED



DBCDA9



788075



000000



808080

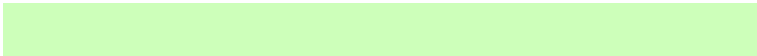


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B7DBA9



CDFBBA



A9DBB4



666E63



31AD00



0D2E00



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



CDA9DB



ECBAFF



DBA9D0



6B636E



7D00AD



21002E



# Previews

## White Background



This preview shows how the Hex color B7DBA9 looks on a white background.

## Color Contrast Check

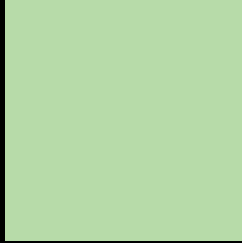
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color B7DBA9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B7DBA9 Background



This preview shows how black text looks on a background with the Hex color B7DBA9.

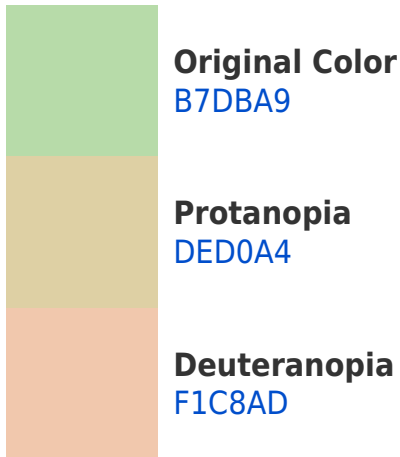


This preview shows how white text looks on a background with the Hex color B7DBA9.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

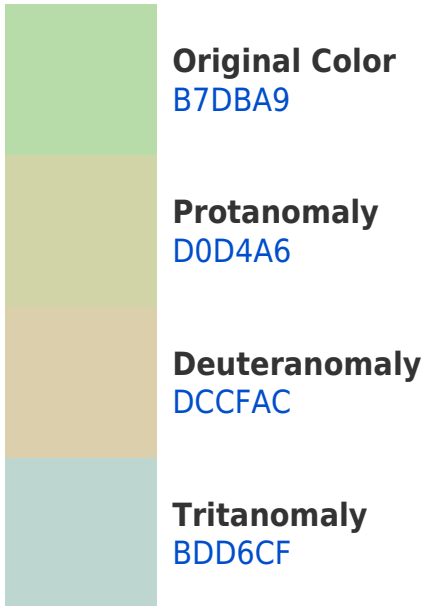
## Dichromacy



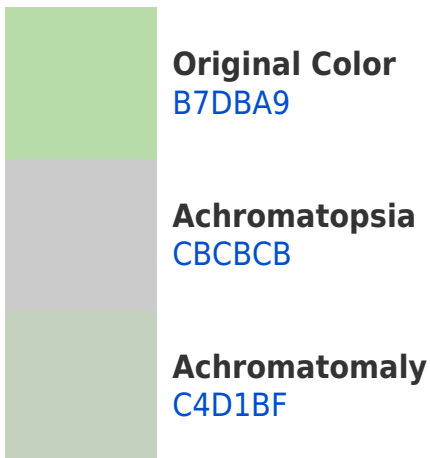


**Tritanopia**  
C0D3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7DBA9 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B7DBA9 looks like.

```
.text, #text, p{  
    color:#B7DBA9  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B7DBA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7DBA9
}
```

## Border

The CSS property to change the border of an element to Hex B7DBA9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B7DBA9 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B7DBA9 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #B7DBA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7DBA9; -webkit-box-shadow:4px 4px  
4px 4px #B7DBA9; box-shadow:4px 4px 4px  
4px #B7DBA9 }
```

# Background

The CSS property to change the background color of an element to Hex B7DBA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7DBA9 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B7DBA9 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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